

Amendments to the Abstract of the Disclosure:

Please delete the Abstract in its entirety and insert the following in its place:

--ABSTRACT OF THE DISCLOSURE

A harvester for a forestry machine comprises grapples, a cutting device, trimming devices, and advancement devices for grasping, cutting, trimming, and advancement in the axial direction, respectively of a tree stem. Further, the harvester includes a measurement device for measuring the length of the tree stem and a measurement device for measuring how the transverse dimension of the tree stem varies along its length. The measurement device includes a movable measurement device for contact-free detection of the outer contour of the tree stem, from which the diameter is calculable. The measurement device is located between the trimming device and the advancement device for counteracting dirtying of the measurement device. A method for measuring the transverse dimension of a tree stem is disclosed.--